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Title of the Invention: POS Terminal Apparatus

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SCOPE OF CLAIM FOR PATENT

A POS terminal apparatus for transmitting a service point number corresponding to a purchase price to a host computer comprising:

input means for inputting data of the price of goods bought by a customer;

transmission means for communicating data concerning service point number with the host computer;

printing means for printing messages concerning service on a receipt;

calculation means for integrating data of prices of goods supplied from the input means, calculating service point number corresponding to the integrated price data, and adding the calculated service point number to the service point number of the customer received by the transmission means;

decision means for deciding whether or not the integrated service point number calculated by the calculation means reaches a predetermined service point number; and

control means for controlling to cause the printing means to print such that the service is available in accordance with the decision by the decision means of reaching of the integrated point number calculated by the calculation means to the predetermined service point number, and to print the service point number necessary to become relevant to the service in accordance with the decision by the decision means of not reaching of the integrated point number calculated by the calculation means to the predetermined service point number.

BRIEF DESCRIPTION OF DRAWINGS

Figure 1 is a flow-chart of the operation of an apparatus according to an embodiment of the present invention;

Fig. 2 is a schematic block diagram of an apparatus according to an embodiment of the present invention;

Fig. 3 shows a key arrangement of a keyboard in the apparatus shown in Fig. 2;

Fig. 4 shows key operations of a registration processing using the keys shown in Fig. 3;

Fig. 5 illustrates storage areas of a customer file shown in Fig. 2; and

Figs. 6(a) and 6(b) show receipts supplied from a printer shown in Fig. 2.

(Reference Numerals)

- 1 ... POS terminal apparatus
- 2 ... CPU
- 3 ... Keyboard

- 4 ... display device
- 5 ... card reader
- 6 ... printer
- 7 ... communication control interface
- 8 ... RAM
- 9 ROM
- 10 ... host computer
- 11 ... customer file